

Y (single) Model for Medium sized pipes

YS Model for Small pipes

Y (double) Model for Medium sized pipes

COMPATIBILITY

○: Cutting only ●: Beveling only ◎: Simultaneous cutting and beveling

Diameter	Type of pipe	Steel and stainless steel pipes				Ductile and cast iron pipes		
	Main Body Type	YS	Y (Single)	Y (Double)	YL	YS	Y (Single)	YL*
100 - 150	Gear Set	○● YS-150	○● Y-150	○● Y-150		○ YS-150	○ Y-150	
150 - 200		○● YS-200	○● Y-200	○● Y-200		○ YS-200	○ Y-200	
250 - 300		○● YS-300		○● Y-300		○ YS-300	○ Y-300	
350 - 400				○● Y-400			○ Y-400	
450 - 500				○● Y-500			○ Y-500	
550 - 600				○● Y-600			○ Y-600	
600 - 650				○● Y-650				
700					○● YL-700			○ YL-700
800					○● YL-800			○ YL-800
900					○● YL-900			○ YL-900
1000					○● YL-1000			○ YL-1000

*...Requires special chuck jaw liner and die holder attachments.

PERFORMANCE DATA

Y (Single) Type (220V)		Ductile pipes (Cutting only)	
Diameter	Thickness (mm)	Time (Mins.)	
100	8	3	
200	8	4.5	
300	10.5	9	
400	7.5	8.5	
500	9	14	
600	12	18.5	

Y (Double) Type (220V)		Steel pipes (Simultaneous cutting and beveling)	
Diameter	Thickness (mm)	Time (Mins.)	
100	10	5	
200	10	7	
300	10	12	
400	12.7	17.5	
500	12.7	22	
600	12.7	30	

YS Type (220V)		Steel pipes (Simultaneous cutting and beveling)	
Diameter	Thickness (mm)	Time (Mins.)	
100	10	5	
200	10	7	
300	10	12	

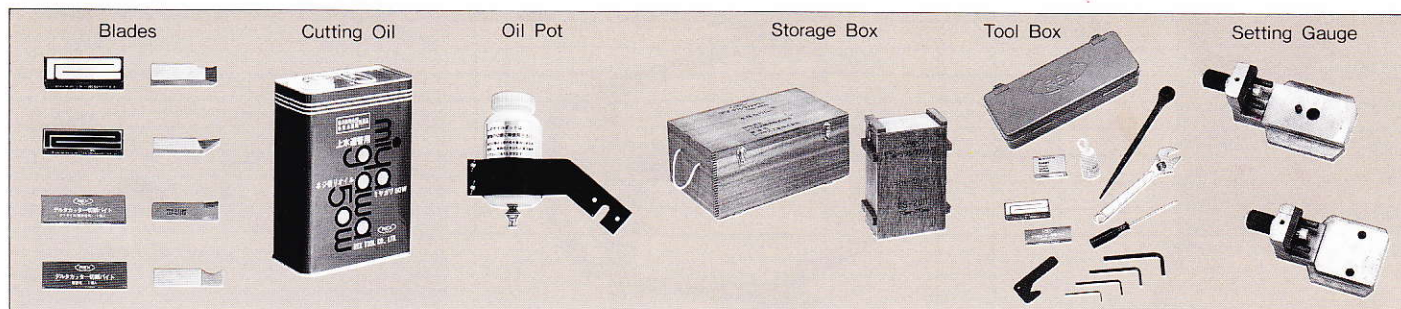
YL Type (220V)		Steel pipes (Cutting only)	
Diameter	Thickness (mm)	Time (Mins.)	
700	12.7	20	
800	12.7	23	
900	12.7	25	
1000	12.7	30	

■ STANDARD SPECIFICATIONS

Main Body	Type		Y (Single)				Y (Double)			
	Cutting or cutting and bevelling capacity	Type of pipe	Steel and stainless steel pipes		Ductile and cast iron pipes		Steel and stainless steel pipes			
		Cutting capacity	100 ~ 200		100 ~ 600		100 ~ 650			
		Type of machining	Cutting and Bevelling		Cutting		Cutting and Bevelling			
		Max. thickness	12.7mm		20mm		12.7mm			
	Power supply (50/60Hz)		AC 220V				AC 220V			
	Motor(s)		Single phase 700W series motor 1 pc				Single phase 700W series motor 2 pcs			
	Switch		Push button type (Drip proof type) 1 pc				Cam type (Drip proof type) 1 pc			
	Drive unit(s)		1 set				2 sets			
	Roller unit(s)		2 sets				1 set			
Blade stand	For Cutting	1 set		2 sets		2 sets				
	For Bevelling (Double edge)	1 set		—		1 set				
	For Bevelling (Single edge)	—		—		1 set				
Net weight		53 kg				78 kg				
Model No.		Y-150	Y-200	Y-300	Y-400	Y-500	Y-600	Y-650		
Gear		100 150	150 200	200 250	250 300	300 350	350 400			

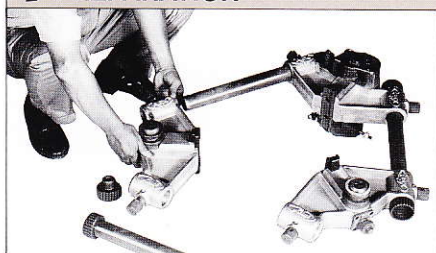
■ STANDARD ACCESSORIES

Type			YS	Y (Single)	Y (Double)	Y (Double)
Blade (Spare)	Steel pipes	For Cutting	1	1	2	4
		For Bevelling (Double edge)	1	1	1	—
		For Bevelling (Single edge)	—	—	1	2
	Stainless steel pipes	For Cutting	1	1	2	4
		For Bevelling (Double edge)	1	1	1	—
		For Bevelling (Single edge)	—	—	1	2
	Ductile and cast iron pipes	For Cutting	2	2	—	—
Cutting Oil	Steel and stainless steel pipes	Miyagawa 50W 4ℓ 1 can				
	Ductile and cast iron pipes	—				
Oil Pot	Steel and stainless steel pipes	1				
Storage Box	Main Body	YS 1 Box	Y (Single) 1 Box	Y (Double) 1 Box	YL 1 Box	
	Gear Set	YS150 ~ 300 1 Box each	Y150 ~ 650 1 Box each			YL700 ~ 1000 1 Box each
	Motor	—	—	1 Box	1 Box	
Tool Box Contents	Tool Box	1				
	Screw Driver	1				
	Spanner	3, 5, 6, 8mm	1 each			
	Monkey Wrench	200mm	1			
	Ratchet Wrench	17mm	1			
	Oiler	1				
	Carbon Eliminator	Spares 1 set	Spares 2 sets			
	Blade Gauge	For Bevelling	1			
Setting Gauge		1 set				



■ ASSEMBLY

1 PREPARATION



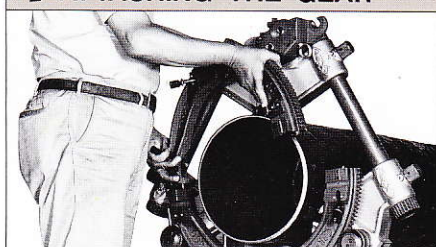
2 SETTING THE PIPE



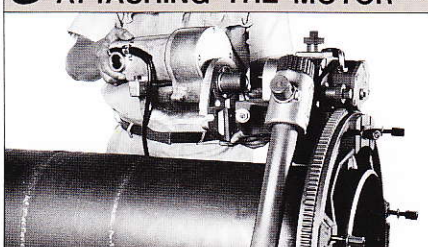
3 CHUCKING



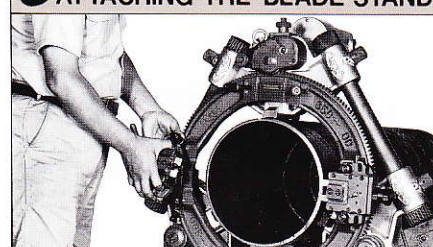
4 ATTACHING THE GEAR



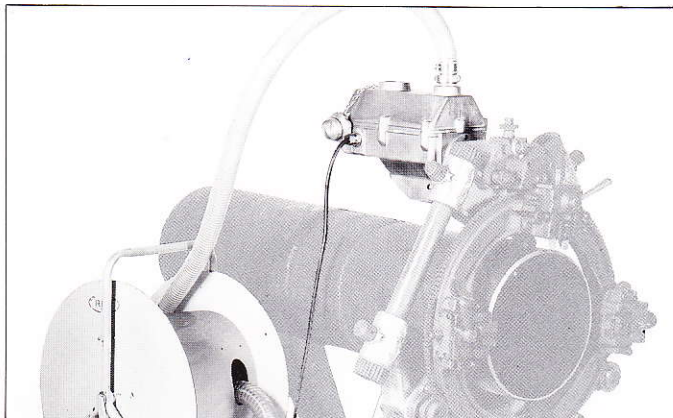
5 ATTACHING THE MOTOR



6 ATTACHING THE BLADE STAND



- Simple explosion proof case set



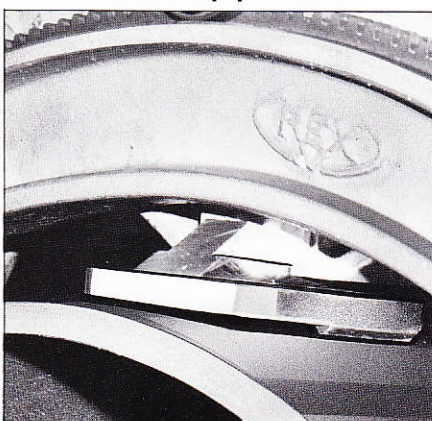
This special optional motor housing and ventilation system is designed to greatly enhance safety by keeping the motor cool and preventing explosion from overheating or flying sparks while working on gas pipes.

- Waterproof case



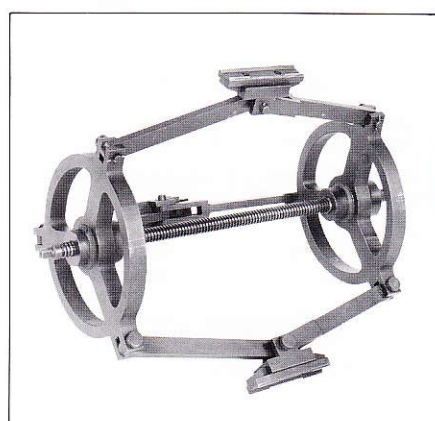
This attachment is designed to prevent water from getting into the motor and causing short circuits. The switch is also waterproof but houses a breaker in case there is a short in the motor.

- Chuck jaw for externally coated steel pipes



This special chuck jaw is designed to hold polyethylene coated pipes firmly without damaging the surface.

- Anti-deformation attachment



Prevents deformation of large pipes during cutting.

- Pipe supports



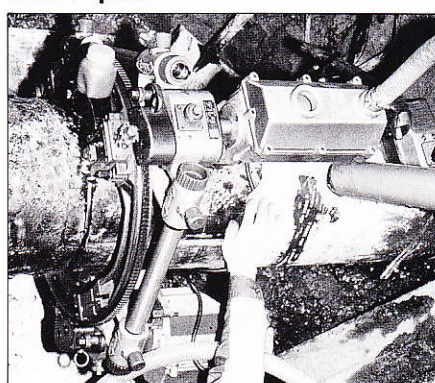
Improves ease of assembly and operating efficiency.

■ EXAMPLES OF THE DELTA CUTTER IN ACTION

Main Sewage Pipes



Gas Pipes



At Factory Sites

